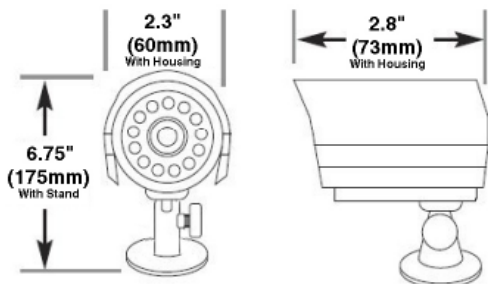


## 4. Camera Specifications

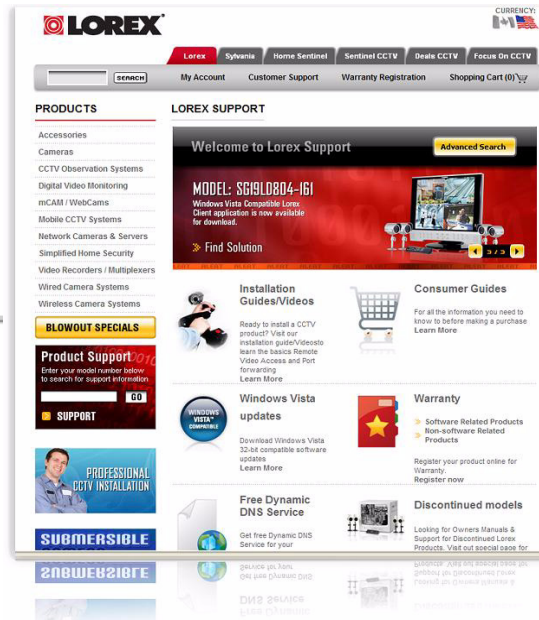
<b>Image Device</b>	1/4" Color Image Sensor
<b>Effective Pixels</b>	656H x 492V
<b>Scanning System</b>	2:1 Interlace NTSC: 525 Lines
<b>Resolution</b>	Horizontal 480 TV lines
<b>AES Shutter Speed</b>	1/60 ~ 1/50,000 sec.
<b>S/N Ratio</b>	More than 48dB (AGC off)
<b>Sync. System</b>	Internal
<b>Min. Illumination</b>	3 LUX @F1.2 (no LED) 0 LUX (with LED)
<b>IR Night Vision</b>	24 IR LED / 850nm / 50' (15m)
<b>Video Output</b>	1.0 Vp-p (75 ohms)
<b>White Balance</b>	AWB
<b>Termination</b>	6 Pin DIN
<b>Lens</b>	Fixed Lens (3.6mm)
<b>Viewing Angle</b>	H: 59°; V:44°; D: 73°
<b>FOV (Diagonal)</b>	70 Degrees
<b>Power Requirement</b>	DC 12V ± 10%
<b>Power Consumption</b>	With IR: Max 330mA W/o IR: Max 90mA
<b>Operating Temp</b>	14°F ~ 122°F (-10° ~ 50°C)
<b>Operating Humidity</b>	Within 90% RH
<b>Weight (With Stand)</b>	0.81lb / 0.36 kg

### Dimensions:



## It's all on the web

- 📁 Product Information
- 📄 Specification Sheets
- 📖 User Manuals
- 💻 Software Upgrades
- 🕒 Quick Start Guides
- 🔧 Firmware Upgrades



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HOME & BUSINESS SECURITY

**HIGH RESOLUTION  
WEATHERPROOF COLOR CAMERA  
WITH NIGHT VISION AND AUDIO**

**Model: SG7555RB Series**

Refer to the Product Package or online Spec Sheet for specific product configuration.



**Quick Set-up Guide**

English Revision 1.0



## 1. Package Contents



1 x Camera  
1 x Camera Stand



1 x 100' (30m) DIN  
Extension Cable



1 x DIN to BNC Coupler  
1 x BNC to RCA Adaptor  
1 x Power Adaptor

\* Included with the SG7555RB Single Pack only. This provides universal compatibility to industry standard BNC and RCA connectors.

**WARNING** - Regulated 12V DC 500mA power supply is REQUIRED for use with this camera, when connected to a BNC system. Use of a non-regulated, non-conforming power supply can damage this product and will void the warranty.

### Features:

- High Resolution Image Sensor
- 24 High Intensity IR LEDs provides effective night vision range up to 50 ft. (15 m)\*\*
- Day / Night mode: Picture automatically switches to B&W delivering better clarity in low light conditions
- Built in microphone provides one-way audio from the camera to the system
- Weatherproof\*\*\* Cameras ideal for indoor and outdoor applications (IP66)
- All-in-one cable providing Video, Audio & Power, plugs directly to the DIN ports of the system and eliminates the need for a separate power adaptor
- 100 ft.(30m) extension cable included per camera
- Ceiling or Wall Mountable Camera with versatile stand provides flexible mounting options

**NOTE** - This Camera includes a Mechanical Auto IR Cut Filter. When the Camera changes between Day/Night lighting, an audible clicking noise may be heard from the camera. This clicking is normal, and indicates the Camera filter is working.

\*\* Night Vision Range up to 50ft. (15m) in ideal conditions. Objects at or beyond this range may be partially or completely obscured, depending on the camera application.

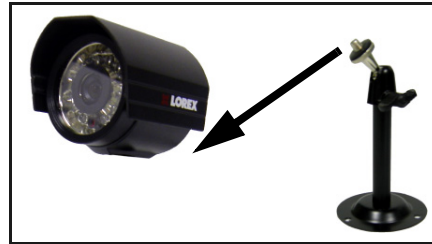
\*\*\* Not recommended for submersion in water.

## 2. Installing the Camera

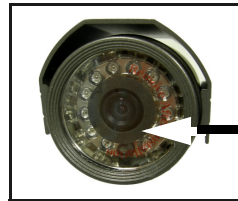
**Note:** Test the cameras prior to selecting a permanent mounting location by temporarily connecting the Cameras and Cables to the System.

1. Mount the camera stand to the desired mounting surface. Attach the camera to the supplied stand.

**NOTE:** The camera can be mounted to either a wall or a ceiling.



2. Aim the camera. Remove the protective film from the lens.



Lift the plastic tab on the lower edge of the camera to remove the protective film.

3. Connect the Extension cable to the camera. Connect the other end of the Extension Cable to the System.



**Note:** Confirm that the arrows on the DIN Extension cable are aligned with the Camera Cable and System ports when connecting the cable. If the pins in the DIN Cable are bent, the Camera will NOT function



## 3. Camera Diagram

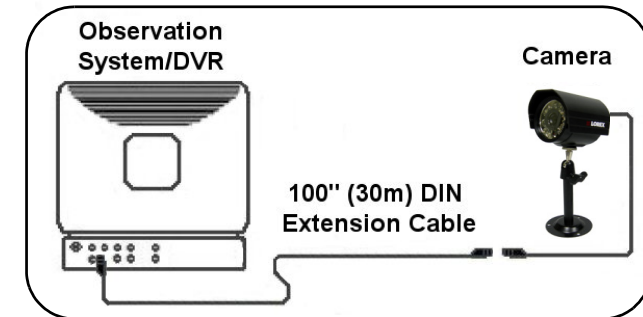


### DIN System Connection Diagram:

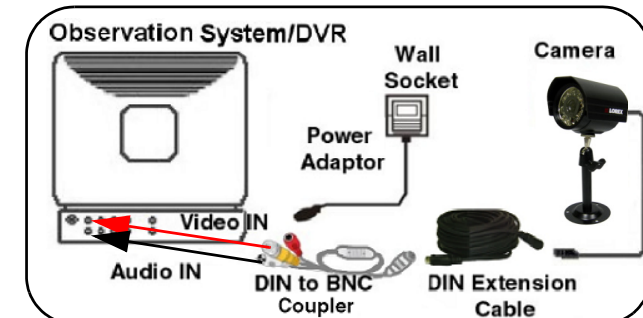
Cameras with 6 Pin DIN connections draw power from the System. Additional power adaptors are not needed for these cameras, when connecting to DIN ports.



6 PIN DIN



### DIN to BNC System Connection Diagram:



\* To connect to a TV use the included BNC to RCA Adaptor.